

ABSTRACT OF THE DISCLOSURE

A surface acoustic wave apparatus includes at least one longitudinally-coupled-resonator surface acoustic wave filter having at least three IDTs arranged on a piezoelectric substrate along the propagation direction of surface acoustic waves and at least one surface acoustic wave resonator that is connected in series to at least two of the IDTs of the longitudinally-coupled-resonator surface acoustic wave filter. The parasitic capacitance between the longitudinally-coupled-resonator surface acoustic wave filter and the surface acoustic wave resonator is about $6.5 \times 10^2/f_0$ [pF] or less, where f_0 represents the center frequency (MHz) within the pass band of the longitudinally-coupled-resonator surface acoustic wave filter.